

COUNTY OF DUMFRIES.

TWENTY-SEVENTH

ANNUAL REPORT

BY THE


COUNTY MEDICAL OFFICER.

1917.

DUMFRIES :

J. MAXWELL & SON, PRINTERS AND LITHOGRAPHERS.

1918.



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REPORT.

Population.—The estimated population (based on an enumeration taken in March) of the County Landward for 1917 was 48,916, and for the County and six Burghs, 63,898. The estimated and census populations for each of the Districts and Burghs were :—

Districts.	Estimated.			Census 1911.
	M.	F.	Total.	
Thornhill	5,109	5,859	10,968	11,710
Dumfries	3,675	4,419	8,094	8,555
Annan	8,052	11,333	19,385*	10,515
Lockerbie	3,384	4,125	7,509	8,545
Langholm	1,394	1,566	2,960	3,242
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County Landward ...	21,614	27,302	48,916	42,507
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Burghs.				
Annan	3,087	2,430	5,517*	4,219
Sanquhar	725	815	1,540	1,508
Lochmaben	418	565	983	1,056
Lockerbie	1,011	1,302	2,313	2,455
Moffat	680	1,033	1,713	2,079
Langholm	1,272	1,644	2,916	2,930
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County and six Burghs	28,807	35,091	63,898	56,814

* The estimates of the Registrar-General for Annan District and Burgh are 9786 and 3946 respectively.

Births.—The births registered in the County Districts were 876, and in the Burghs 259. The details and rates for each District and Burgh are—

Districts.			M	F	Total.	Birth-rate per 1000 persons living.
Thornhill	..	...	124	106	230	20·970
Dumfries	...	...	72	71	149	18·469
Annan	...	...	166	126	292	15·063
Lockerbie	...	...	74	75	149	19·843
Langholm	...	...	26	30	56	18·919
County Landward			468	408	876	17·908
Burghs.						
Annan	...	...	46	58	104	18·850
Sanquhar	...	...	23	19	42	27·273
Lochmaben	...	...	9	9	18	18·311
Lockerbie	...	...	21	11	32	13·835
Moffat	...	...	15	12	27	15·762
Langholm	...	...	18	18	36	12·346
County and six Burghs			600	535	1135	17·763

Of the 1135 births, 1000 were legitimate and 135 illegitimate. The proportion of legitimate births to married women living between the ages of 15 and 45 is shown in the following table :—

Districts.			Estimated number of married women living between 15 and 45.	Number of legitimate births.	Rate per 1000 married women living between 15 and 45.
Thornhill	...	...	1027	206	200·69
Dumfries	...	...	717	134	186·89
Annan	...	...	1836	252	137·25
Lockerbie	...	...	700	135	192·86
Langholm	...	...	255	51	200·00
County Landward			4535	778	171·55

Burghs.			Estimated number of married women living between 15 and 45.	Number of legitimate births.	Rate per 1000 married women living between 15 and 45.
Annan ...	...	...	459	87	189.54
Sanquhar ...	...	...	166	39	234.94
Lochmaben ...	...	...	79	13	164.56
Lockerbie ...	...	...	250	28	112.00
Moffat ...	...	...	138	24	173.91
Langholm ...	...	...	246	31	126.02
County and six Burghs			5873	1000	170.27

The proportion of illegitimate births to unmarried women and widows living between the ages of 15 and 45, and to the total births, were :—

Districts.			Estimated number of unmarried women and widows living between 15 and 45.	Number of illegitimate births.	Rates per 1000 unmarried women and widows living between 15 and 45.	Proportion of illegiti- mate births to 1000 total births.
Thornhill ...	...	...	1536	24	15.62	104
Dumfries ...	...	...	1184	15	12.67	101
Annan ...	...	...	5187	40	7.71	137
Lockerbie ...	...	...	1138	14	12.30	94
Langholm ...	...	...	435	5	11.49	89
County Landward			9480	98	10.33	112
Burghs.						
Annan ...	...	...	702	17	24.22	163
Sanquhar ...	...	...	234	3	12.82	71
Lochmaben ...	...	...	137	5	36.50	278
Lockerbie ...	...	...	369	4	10.84	125
Moffat ...	...	...	356	3	8.43	111
Langholm ...	...	...	513	5	9.75	139
County & six Burghs			11,791	135	11.45	119

Deaths. — The total number of deaths registered, the transfers (in and out) and consequent adjustments are :—

Districts		Total deaths registered.	Transfers in.	Transfers out.	Adjusted figures		
					Total.	M.	F.
Thornhill	...	147	11	6	152	81	71
Dumfries	...	200	10	100	110	57	53
Annan	...	163	16	16	163	89	74
Lockerbie	...	120	15	6	129	68	61
Langholm	...	45	4	1	48	28	20
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County Landward		675	56	129	602	323	279
Burghs							
Annan	...	61	12	..	73	33	40
Sanquhar	...	21	2		23	10	13
Lochmaben	...	23	1	...	24	14	10
Lockerbie	...	35	7	...	42	19	23
Moffat	...	24	5	6	23	12	11
Langholm	...	50	5	3	52	24	28
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County & six Burghs		889	88	138	839	435	404

The “transfers out” in the Dumfries District are chiefly from the Crichton Royal Institution, all out-County deaths (English and Irish as well as Scottish) in which are deducted. The “transfers in” include not only deaths of usual residents occurring in other parts of Scotland, but also such deaths as are intimated from other parts, more particularly from Carlisle. This practice appears more logical and fairer than that of the Registrar-General, who transfers in or out Scottish deaths only.

The death-rates, crude, corrected for transfers, and also for age and sex distribution, are :—

Districts.				Crude death-rates.	Death-rates corrected for transfers.	Death-rates corrected also for age and sex distribution.
Thornhill	...	...	...	13·40	13·86	12·56
Dumfries	...	...	...	24·71	13·59	11·42
Annan	...	...	...	8·41	8·41	7·66
Lockerbie	...	...	...	15·98	17·18	15·54
Langholm	...	...	...	15·20	16·22	13·76
				—	—	—
County Landward			...	13·80	12·31	10·99
Burghs.						
Annan	...	...	...	11·06	13·23	12·74
Sanquhar	...	...	...	13·64	14·93	14·66
Lochmaben	...	...	...	23·40	24·41	18·61
Lockerbie	...	...	...	15·13	18·16	16·15
Moffat	...	...	...	14·01	13·43	11·41
Langholm	...	...	...	17·15	17·83	15·54
				—	—	—
County and six Burghs	...			13·91	13·13	12·83

The factors for the correction of age and sex distribution are :—Thornhill, ·9064 ; Dumfries, ·8406 ; Annan, ·9114 ; Lockerbie, ·9048 ; Langholm, ·8485 ; County Landward, ·8929 ; Annan Burgh, ·9628 ; Sanquhar Burgh, ·9820 ; Lochmaben Burgh, ·7662 ; Lockerbie Burgh, ·8896 ; Moffat Burgh, ·8495 ; Langholm Burgh, ·8714 ; County and six Burghs, ·9227. These factors are calculated on the age and sex distributions of the population at the census 1911. Since that census the age and sex distribution have materially altered in Annan District, but as there are no data for a recalculation until the census of 1921, the figure for that District is allowed to remain.

The classification of deaths, according to cause, in each District and Burgh, and the death-rates, corrected for transfers and age and sex distribution, are given in the four tables following

DEATHS IN COUNTY DISTRICTS IN 1917.

CAUSE OF DEATH.	Thorn- hill.	Dum- fries.	Annan.	Lock- erbie.	Lang- holm.	Coun- L'wo
Enteric Fever . . .	...	...	1	...	...	1
Typhus Fever . . .	...	...	...	...	...	...
Smallpox . . .	...	...	...	...	...	...
Measles . . .	...	7	2	3	1	13
Scarlet Fever . . .	...	...	3	...	...	3
Whooping-cough . . .	4	...	1	1	...	6
Diphtheria . . .	2	...	2	...	...	4
Influenza . . .	...	...	3	1	...	4
Erysipelas . . .	...	...	...	...	...	...
Pulmonary Phthisis . . .	11	14	11	9	1	46
Tuberculous Meningitis . . .	4	2	2	...	...	8
Abdominal Tuberculosis . . .	...	1	2	1	...	4
Other Tuberculous Diseases . . .	2	1	3	1	1	8
Malignant Diseases . . .	13	8	15	14	2	52
Rheumatic Fever . . .	...	...	1	...	...	1
Meningitis . . .	3	2	...	1	...	6
Organic Heart Disease . . .	20	15	19	28	8	90
Bronchitis . . .	11	6	11	6	3	37
Pneumonia (all forms) . . .	12	6	18	4	3	43
Other Respiratory Diseases . . .	4	...	...	1	...	5
Enteritis (under 2 years) . . .	2	...	1	1	1	5
Appendicitis . . .	...	2	2	...	...	4
Liver Diseases (not Malignant) . . .	...	...	...	2	...	2
Other Digestive Diseases . . .	...	5	4	6	1	20
Nephritis (Bright's Disease) . . .	3	1	9	2	1	16
Puerperal Sepsis . . .	...	1	1	...	...	2
Other Diseases and Accidents of Pregnancy, &c. . .	3	1	...	...	...	4
Congenital Causes . . .	9	4	8	5	3	29
Violence (excluding Suicide) . . .	5	4	12	6	2	29
Suicide . . .	...	...	1	2	...	3
Other Defined Diseases . . .	38	28	26	33	20	145
Ill-Defined Diseases . . .	2	2	5	2	1	12
TOTAL . . .	152	110	163	129	48	602

DEATH-RATES IN COUNTY DISTRICTS IN 1917.

(CORRECTED FOR AGE AND SEX DISTRIBUTION.)

CAUSE OF DEATH.	Thorn- hill.	Dum- fries.	Annan.	Lock- erbie.	Lang- holm.	County L'wd.
Scarlet Fever . . .	...	...	·05	...	...	·018
Dysentery . . .	...	...	...	...	...	...
Measles . . .	...	...	...	...	...	...
Whooping-cough . . .	·33	...	·09	·36	·29	·237
Diphtheria . . .	·17	...	·05	·12	...	·055
Scarlet . . .	...	...	·09	...	...	·110
Measles . . .	...	...	·14	·12	...	·073
Whooping-cough . . .	·33	...	·05	·12	...	·073
Diphtheria . . .	·17	...	·14	·12	...	·073
Scarlet . . .	...	...	...	...	...	...
Measles . . .	...	...	...	...	...	...
Whooping-cough . . .	·33	·45	·52	1·08	·29	·840
Diphtheria . . .	·17	·21	·09	...	...	·146
Scarlet . . .	·17	·10	·09	·12	...	·073
Measles . . .	·17	·10	·14	·12	·29	·146
Whooping-cough . . .	1·07	·83	·71	1·69	·57	·949
Diphtheria . . .	...	...	·05	...	...	·018
Scarlet . . .	·25	·21	...	·12	...	·119
Measles . . .	1·65	1·56	·89	3·37	2·29	1·614
Whooping-cough . . .	·91	·62	·52	·72	·86	·675
Diphtheria . . .	·99	·62	·85	·48	·86	·785
Scarlet . . .	·33	...	·12	...	...	·091
Measles . . .	·17	...	·05	·12	·29	·091
Whooping-cough . . .	...	·21	·09	...	...	·073
Diphtheria . . .	...	...	...	·24	...	·037
Scarlet . . .	·33	·52	·19	·72	·29	·365
Measles . . .	·25	·10	·42	·24	·29	·292
Whooping-cough . . .	...	·10	·05	...	...	·037
Diphtheria . . .	...	...	...	...	...	...
Scarlet . . .	·25	·10	·05	...	...	·073
Measles . . .	·74	·42	·38	·60	·86	·529
Whooping-cough . . .	·41	·42	·56	·72	·57	·529
Diphtheria . . .	...	...	·05	·24	...	·055
Scarlet . . .	3·14	2·91	1·22	3·98	5·73	2·647
Measles . . .	·17	·21	·23	·24	·29	·219
TOTAL . . .	12·561	11·427	7·661	15·444	13·760	10·990

DEATHS IN COUNTY BURGH8 IN 1917.

CAUSE OF DEATH.	Annan Burgh.	San- quhar Burgh.	Loch- maben Burgh.	Lock- erbie Burgh.	Moffat Burgh.	Lang- holm Burgh.
Enteric Fever . . .	...	...	...	...	...	...
Typhus Fever . . .	...	...	...	...	...	...
Smallpox . . .	...	...	...	...	...	...
Measles . . .	1	...	1	...	...	...
Scarlet Fever . . .	...	...	...	...	...	...
Whooping-cough . . .	...	...	...	...	...	...
Diphtheria . . .	5	...	...	...	...	...
Influenza . . .	...	...	...	...	...	...
Erysipelas . . .	...	...	...	...	...	...
Pulmonary Phthisis . . .	5	3	2	3	1	5
Tuberculous Meningitis . . .	2	...	...	...	...	...
Abdominal Tuberculosis . . .	...	1	...	...	...	2
Other Tuberculous Diseases . . .	1	...	...	...	...	...
Malignant Diseases . . .	3	2	1	3	4	2
Rheumatic Fever . . .	...	...	...	1	...	...
Meningitis . . .	2	...	...	...	...	1
Organic Heart Disease . . .	5	2	3	11	6	9
Bronchitis . . .	5	2	1	2	1	5
Pneumonia (all forms) . . .	5	2	1	2	...	4
Other Respiratory Diseases . . .	1	1	2	1	...	...
Enteritis (under 2 years) . . .	1	1	...	...	...	1
Appendicitis . . .	1	...	...	...	...	1
Liver Diseases (not Malignant) . . .	1	...	...	...	...	...
Other Digestive Diseases . . .	3	...	1	1	1	...
Nephritis (Bright's Disease) . . .	7	...	1	...	1	3
Puerperal Sepsis . . .	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy, &c. . .	1	...	...	...	...	...
Congenital . . .	4	...	...	3	2	1
Violence (excluding Suicide) . . .	2	...	...	2	...	2
Suicide . . .	2	1	1	...	...	...
Other Defined Diseases . . .	12	7	10	13	6	15
Ill-Defined Diseases . . .	4	1	...	...	1	1
TOTAL . . .	73	23	24	42	23	52

DEATH-RATES IN COUNTY BURGHES DURING 1917.

(CORRECTED FOR AGE AND SEX DISTRIBUTION.)

CAUSE OF DEATH.	Annan Burgh.	San- quhar Burgh.	Loch- maben Burgh.	Lock- erbie Burgh.	Moffat Burgh.	Lang- holm Burgh.
Enteric Fever . . .	...	...	...	...	...	...
Typhus Fever . . .	...	...	...	...	...	...
Smallpox . . .	...	...	...	...	...	...
Measles . . .	17	...	77	...	...	...
Scarlet Fever . . .	...	...	...	...	...	...
Whooping-cough . . .	...	...	...	...	...	...
Diphtheria . . .	87	...	...	...	...	...
Influenza . . .	...	...	...	...	...	...
Erysipelas . . .	...	...	...	...	...	...
Pulmonary Phthisis . . .	87	1.91	1.55	1.15	.50	1.49
Tuberculous Meningitis . . .	.35	...	...	...	...	...
Abdominal Tuberculosis . . .	...	.64	...	...	...	.60
Other Tuberculous Diseases . . .	17	...	...	...	...	...
Malignant Diseases . . .	.52	1.28	.77	1.15	1.98	.60
Pneumatic Fever . . .	...	...	...	.38	...	...
Encephalitis . . .	.35	...	...	...	...	.30
Organic Heart Disease . . .	87	1.28	2.33	4.23	2.97	2.69
Bronchitis . . .	87	...	.77	.77	.50	1.49
Pneumonia (all forms) . . .	87	...	.77	.77	...	1.19
Other Respiratory Diseases . . .	17	.64	1.55	.38	...	...
Enteritis (under 2 years) . . .	17	.64	...	...	...	.30
Appendicitis . . .	17	...	...	...	...	.30
Liver Diseases (not Malignant) . . .	17	...	...	...	...	...
Other Digestive Diseases . . .	.52	...	.77	.38	.50	...
Nephritis (Bright's Disease) . . .	1.22	...	.77	...	.50	.90
Septic Peritonitis . . .	...	...	...	...	...	...
Other Diseases and Accidents . . .	...	...	...	...	...	...
of Pregnancy, &c. . .	.17	...	...	...	...	...
Congenital . . .	.70	...	...	1.15	.99	.30
Violence (excluding Suicide) . . .	.35	...	...	.77	...	.60
Suicide . . .	.35	.64	.77	...	...	...
Other Defined Diseases . . .	2.09	4.46	7.75	5.00	2.97	4.48
Undefined Diseases . . .	.70	.64	...	...	.50	.30
TOTAL . . .	12.739	14.666	18.609	16.153	11.405	15.539

The AGE and SEX DISTRIBUTION of the 839 deaths (District and Burghal) was :—

		Estimated population.	Number of deaths.	Rate per 1000 living in each age-period.	Percentage of deaths in each age-period to total deaths.
MALES.	Under 1 year	600	63	105.00	14.45
	1— 5 years	2,206	18	8.16	4.14
	5—15 „	5,500	22	4.00	5.06
	15—25 „	5,442	11	2.02	2.52
	25—45 „	7,810	59	7.55	13.56
	45—65 „	5,504	94	17.08	21.61
	Over 65 „	1,748	168	96.26	38.62
FEMALES.	Under 1 year	535	36	67.29	8.91
	1— 5 years	2,366	20	8.45	4.95
	5—15 „	5,930	8	1.35	1.98
	15—25 „	8,758	28	3.19	6.93
	25—45 „	8,906	58	6.51	14.36
	45—65 „	6,063	73	12.04	18.67
	Over 65 „	2,533	181	71.45	44.86
TOTALS.	Under 1 year	1,135	99	87.22	11.80
	1— 5 years	4,572	38	8.31	4.53
	5—15 „	11,430	30	2.62	3.57
	15—25 „	14,200	39	2.75	4.65
	25—45 „	16,716	117	7.00	13.95
	45—65 „	11,567	167	14.44	19.90
	Over 65 „	4,278	349	81.58	41.60

INFANTILE MORTALITY.—The deaths of children under one year of age were 99 (63 male, 36 female). The rate per 1000 births was 87.22, the male infantile mortality being 105.00, while the female was 67.29. The mortality rates for each District and Burgh were :—Thornhill District, 126.09 ; Dumfries District, 93.96 ; Annan District, 61.64 ; Lockerbie District, 87.25 ; Langholm District, 89.28 ; County Landward, 90.18 ; Annan Burgh, 57.69 ; Sanquhar

Burgh, 47.62; Lochmaben Burgh, 111.11; Lockerbie Burgh, 156.25; Moffat Burgh, 74.07; Langholm Burgh, 83.33. The returns from each of these Districts and Burghs are summarised in the following table:—

Return of Infantile Mortality for the Year ending 31st December, 1917,
showing net Deaths from stated causes at various ages under one year
of age in County Districts of Dumfriesshire and Burghs of Annan,
Sanquhar, Lochmaben, Lockerbie, Moffat, and Langholm.

CAUSE OF DEATH.	Under 1 week.	1 and under 2 weeks.	2 and under 3 weeks.	3 and under 4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Total deaths under 1 year.
All Causes { Certified Uncertified	26 2	6 ...	9 ...	3 ...	44 2	11 1	16 ...	12 ...	13 ...	96 3
Smallpox . . . . .	...	...	...	...	...	...	...	...	...	...
Chickenpox . . . . .	...	...	...	...	...	...	...	...	...	...
Measles . . . . .	...	...	...	...	...	1	...	...	4	5
Scarlet Fever . . . . .	...	...	...	...	...	...	...	...	...	...
Whooping-cough . . . . .	...	...	...	...	...	1	1	2	2	6
Diphtheria and Croup . . . . .	...	...	...	...	...	...	...	...	...	...
Erysipelas . . . . .	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis . . . . .	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis . . . . .	...	...	...	...	...	...	...	...	1	1
Other Tuberculous Diseases . . . . .	...	...	...	...	...	...	...	1	...	1
Menigitis (not Tuber- culous) . . . . .	...	...	...	1	1	...	1	...	2	4
Convulsions	1	...	1	...	2	...	...	1	...	3
Pneumonia (all forms) . . . . .	...	...	2	...	2	2	5	5	...	14
Bronchitis . . . . .	...	...	1	...	1	...	3	3	2	9
Laryngitis . . . . .	...	...	...	...	...	...	...	...	...	...
Diarrhoea and Enteritis . . . . .	...	...	1	...	1	1	1	...	2	5
Other Digestive Diseases . . . . .	...	...	...	...	...	...	1	...	...	1
Congenital Malformations	1	2	2	...	5	...	1	...	...	6
Premature Birth	12	3	...	1	16	...	...	...	...	16
Atrophy, Debility, and Marasmus	7	1	2	...	10	4	1	...	...	15
Atelectasis	1	...	...	...	1	...	...	...	...	1
Injury at Birth	3	...	...	...	3	...	...	...	...	3
Suffocation, Overlying . . . . .	...	...	...	...	...	...	...	...	...	...
Syphilis . . . . .	...	...	...	...	...	1	...	...	...	1
Rickets . . . . .	...	...	...	...	...	...	...	...	...	...
All other causes	3	...	...	1	4	2	2	...	...	8
TOTAL	28	6	9	3	46	12	16	12	13	99

Net Births in the year { Legitimate, 1000.
 { Illegitimate, 135.

Net Deaths in the year { Legitimate Infants, 80.
 { Illegitimate Infants, 19.

Among children born in wedlock the mortality was 80.0 per 1000, while among those born out of wedlock it was 140.7.

The deaths in the County Districts and Burghs of Annan, Sanquhar, Lochmaben, Lockerbie, Moffat, and Langholm, classified in age-groups and according to cause, were :—

CAUSE OF DEATH.	-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	All ages
Enteric Fever . . . . .	...	...	...	...	...	1	...	...	...	...	...	1
Typhus Fever . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Smallpox . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Measles	5	2	3	2	...	1	1	1	...	...	...	15
Scarlet Fever . . . . .	...	2	...	1	...	...	...	...	...	...	...	3
Whooping-cough	6	...	...	...	...	...	...	...	...	...	...	6
Diphtheria . . . . .	...	5	4	...	...	...	...	...	...	...	...	9
Influenza . . . . .	...	...	...	...	...	...	...	...	1	1	2	4
Erysipelas . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Phthisis . . . . .	...	...	1	1	15	16	19	7	6	...	...	65
Tuberculous Meningitis . . . . .	...	5	...	1	...	3	1	...	...	...	...	10
Abdominal Tuberculosis	1	2	...	...	1	2	1	...	...	...	...	7
Other Tuberculous Diseases	1	...	...	1	2	...	...	...	3	1	1	9
Malignant Diseases . . . . .	...	...	...	...	...	2	3	6	17	23	16	67
Rheumatic Fever . . . . .	...	...	...	...	...	...	...	...	1	1	...	2
Meningitis	4	...	...	1	2	...	2	...	...	...	...	9
Organic Heart Disease . . . . .	...	...	...	...	3	1	5	12	19	46	40	126
Bronchitis	8	2	...	...	2	...	...	3	3	13	22	53
Pneumonia (all forms)	15	6	1	...	2	2	8	7	5	3	8	57
Other Respiratory Diseases	1	1	1	1	...	...	...	1	4	1	...	10
Enteritis (under 2 years)	5	2	...	...	...	...	...	...	...	...	...	7
Appendicitis . . . . .	...	...	1	1	2	...	1	1	...	...	...	6
Liver Diseases (not Malignant) . . . . .	...	...	...	...	...	...	...	1	2	...	...	3
Other Digestive Diseases	1	2	...	1	1	3	3	2	2	6	6	27
Nephritis (Bright's Disease) . . . . .	...	2	1	1	...	4	2	6	5	4	3	28
Puerperal Sepsis . . . . .	...	...	...	...	1	...	1	...	...	...	...	2
Other Diseases and Accidents of Pregnancy, &c. . . . .	...	...	...	...	...	2	3	...	...	...	...	5
Congenital Causes	37	1	...	...	...	...	...	...	...	...	...	38
Violence (excluding Suicide)	3	3	3	1	4	3	5	6	2	3	3	36
Suicide . . . . .	...	...	...	...	1	...	2	...	3	1	...	7
Other Defined Diseases	8	2	2	1	3	6	14	18	19	54	81	208
Ill-Defined Diseases	4	1	...	...	...	...	...	3	1	7	3	19
TOTAL	99	38	17	13	39	46	71	74	93	164	185	839

Birth and Death Rates of Parishes.

(Corrected for Transfers, but not for Age and Sex Distribution.)

Parish.	Estimated population.	Births.	Deaths.	Rates per 1000.	
				Birth.	Death.
Closeburn ...	764	18	11	23·56	14·40
Dunscore ...	805	16	10	19·88	12·42
Durisdeer ...	775	11	8	14·19	10·32
Glencairn ...	1151	11	15	9·56	13·03
Keir ...	420	10	10	23·81	23·81
Kirkconnel ...	2887	91	39	31·52	13·51
Morton ...	1523	25	16	16·41	10·51
Penpont ...	785	15	17	19·11	21·66
Sanquhar Landward	1570	26	24	16·56	15·29
Tynron ...	288	7	2	24·31	6·94
Caerlaverock ...	682	16	14	23·46	20·53
Dumfries Landward	3249	44	34	13·54	10·46
Holywood ...	768	13	12	16·93	15·63
Kirkmahoe ...	1024	20	16	19·53	15·63
Kirkmichael ...	648	19	5	29·32	7·72
Mouswald ...	421	8	3	19·00	7·13
Tinwald ...	642	12	15	18·69	23·36
Torthorwald ...	660	17	11	25·76	16·67
Annan Landward	2523	60	32	23·78	12·68
Cummertrees ...	964	20	20	20·75	20·75
Dalton ...	485	9	8	18·56	16·49
Dornock ...	4250	42	20	9·88	4·71
Gretna ...	7547	83	45	11·00	5·96
Half-Morton ...	271	3	4	11·07	14·76
Kirkpatrick-Flem.	1246	28	20	22·47	16·05
Middlebie ...	1427	31	9	21·72	6·31
Ruthwell ...	672	16	5	23·81	7·44
Applegarth ...	685	8	8	11·68	11·68
Dryfesdale...	661	22	9	33·28	13·62
Hoddem ...	1239	32	29	25·83	23·41
Hutton ...	514	11	11	21·40	21·40

Parish.	Estimated population.	Births.	Deaths.	Rates per 1000.	
				Birth.	Death.
Johnstone ...	643	10	12	15.55	18.66
Kirkpatrick-Juxta	875	17	17	19.43	19.43
Lochnaben ...	1237	21	17	16.98	13.74
Moffat ...	487	8	2	16.43	4.11
St. Mungo ...	505	6	7	11.88	13.86
Tundergarth ...	319	5	8	15.67	25.09
Wamphray ...	344	9	9	26.16	26.16
Canonbie ...	1690	35	30	20.71	17.75
Eskdalemuir ...	358	7	5	19.55	13.97
Ewes ...	210	4	2	19.05	9.52
Langholm I andward	337	5	6	14.84	17.80
Westerkirk ...	365	5	5	13.70	13.70

Infectious Diseases.

Six hundred and fourteen notifications were received. These included 5 of Enteric Fever, 163 of Scarlet Fever, 155 of Diphtheria, 28 of Erysipelas, 1 of Puerperal Fever, 2 of Cerebro-Spinal Fever, 171 of Tuberculosis, and 89 of Measles (the latter being from the Langholm District). The proportion of cases notified (other than Measles) to 1000 persons living was 8.22. The distribution of notified cases over the County was:—

Districts.	Enteric Fever.	Scarlet Fever.	Diph- theria.	Erysip- elas.	Puerp. Fever.	Cerebro- Spinal Fe er.	Tuberculosis.		Tot.
							Pulmon	Other	
Closeburn...	1	...	...	..	1	2
Dunscore	1	...	...	...	..	1	2
Durisddeer...	...	1	1	...	...	...	1	...	3
Glencairn	...	3	...	2	...	...	1	2	8
Keir	1	...	...	...	...	...	1
Kirkeconnel	...	3	...	...	...	...	3	4	13
Morton	2	...	2
Penpont	3	...	...	...	1	...	4
Sanquhar	2	...	...	...	5	4	11
Tynron	2	...	...	...	...	1	2	5
Thornhill District	...	9	8	3	...	...	17	14	51

Districts.	Enteric Fever.	Scarlet Fever	Diph- theria.	Erysip- clas.	Puerp. Fever.	Cerebro- Spinal Fever.	Tuberculosis.		Totals
							Pulmon.	Other.	
Caerlaverock ...	...	...	...	...	...	...	2	1	3
Dumfries Landward ...	...	...	6	4	...	...	9	5	24
Holywood ...	...	...	...	1	...	...	7	...	8
Kirkmahoe ...	...	2	1	...	...	...	2	1	6
Kirkmichael ...	...	1	...	...	...	...	...	1	2
Mouswald ...	...	...	...	...	...	...	1	...	1
Tinwald ...	...	...	1	...	...	...	4	2	7
Torthorwald ..	...	...	4	...	...	...	1	...	5
	—	—	—	—	—	—	—	—	—
Dumfries District ...	...	3	12	5	...	...	26	10	56
Annan Landward ...	...	51	26	...	...	...	6	3	86
Cummertrees ...	1	...	3	...	...	1	1	...	6
Dalton ...	...	...	...	...	...	...	...	2	2
Dornock ...	...	1	2	2	...	...	4	1	10
Gretna ...	1	5	20	7	1	1	14	2	51
Half-Morton ..	...	3	...	...	...	...	...	...	3
Kirkpatrick-Flem. ...	...	...	...	...	...	...	3	...	3
Middlebie... ..	...	5	...	1	...	...	...	1	7
Ruthwell ...	...	...	18	...	...	...	...	3	21
	—	—	—	—	—	—	—	—	—
Annan District ...	2	65	69	10	1	2	28	12	189
Applegarth ...	...	1	...	...	...	...	2	1	4
Dryfesdale ...	...	3	...	...	...	...	3	...	6
Hoddorn ...	...	1	...	...	...	...	2	...	3
Hutton ...	1	...	...	...	...	...	...	...	1
Johnstone ...	...	1	...	...	...	...	...	1	2
Kirkpatrick-Juxta ...	...	...	...	...	...	...	2	...	2
Lochmaben L'wd. ...	...	4	1	2	...	...	5	1	13
Moffat Landward ...	1	...	...	1	...	...	3	...	5
St. Mungo ...	...	2	...	...	...	...	...	1	3
Tundergarth ...	...	1	...	...	...	...	...	1	2
Wamphray ...	...	1	...	...	...	...	...	1	2
	—	—	—	—	—	—	—	—	—
Lockerbie District ...	2	14	1	3	...	...	17	6	43

Districts.	Enteric Fever.	Scarlet Fever.	Diph- theria.	Erysip- elas.	Puerp. Fever.	Cerebro- Spinal Fever.	Tuberculosis.		Tls.
							Pulmon.	Other.	
Canonbie ...	...	4	4	...	...	...	1	...	9
Eskdalemuir ...	...	...	...	...	...	...	1	...	1
Ewes ...	...	...	...	...	...	...	...	...	...
Langholm L'wd....	...	2	2	...	...	...	...	...	4
Westerkirk ...	...	...	...	...	...	...	1	1	2
Langholm District	...	6	6	...	...	...	3	1	16
County Landward	4	97	96	21	1	2	91	43	355
Burghs.									
Annan ...	...	39	37	...	...	...	13	3	92
Sanquhar ...	1	1	1	1	...	...	...	3	7
Lochmaben ...	...	3	1	3	...	...	1	...	8
Lockerbie ...	...	20	1	2	...	...	5	1	29
Moffat ...	...	1	1	...	...	...	1	2	5
Langholm ...	...	2	18	1	...	...	6	2	29
County & six Burghs	5	163	155	28	1	2	117	54	525

The distribution in time (or notifications received each month) was:—

	Enteric Fever.	Scarlet Fever.	Diph- theria.	Erysip- elas.	Puerp. Fever.	Cerebro- Spinal Fever.	Tuberculosis.		Tls.
							Pulmon.	Other.	
January ...	...	7	19	1	...	...	7	3	37
February ...	...	6	7	2	...	...	7	3	25
March ...	...	6	18	5	...	1	17	6	53
April ...	1	17	14	3	...	...	10	13	58
May ...	...	21	21	3	...	...	9	9	63
June ...	...	16	10	...	...	...	13	6	45
July ...	...	19	8	3	...	1	7	7	45
August ...	1	34	4	...	...	...	12	...	51
September ...	1	18	24	1	...	...	8	2	54
October ...	2	12	11	4	...	...	9	2	40
November ...	...	5	10	5	...	...	11	1	32
December ...	...	2	9	1	1	...	7	2	22
Totals ...	5	163	155	28	1	2	117	54	525

The returns made to the Local Government Board for each District and Burgh are summarised in the following table:—

A.—NUMBER OF CASES NOTIFIED TO THE MEDICAL OFFICER OF HEALTH UNDER THE INFECTIOUS DISEASE (NOTIFICATION) ACT, 1889.

DISEASE.	At all Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards	Cases removed to Hospital.	Cases not removed to Hospital.
Typhoid or Enteric Fever	5	...	...	...	3	2	...	...	5	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...
Smallpox	...	...	...	...	...	...	...	...	...	...
Scarlet Fever or Scarlatina	163	1	19	117	22	3	1	...	151	12
Diphtheria and Membranous Croup	155	1	22	101	21	9	1	...	143	12
Erysipelas	28	2	...	...	5	10	8	3	1	27
Puerperal Fever	1	...	...	...	1	...	...	...	...	1
Cholera	...	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...
Cerebro-Spinal Fever	2	...	1	...	1	...	...	...	1	1
TOTAL	354	4	42	218	53	24	10	3	301	53

B.—NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS (SCOTLAND), 1914.

Pulmonary Tuberculosis	117	...	1	4	29	60	21	2	36	...
Non-pulmonary Tuberculosis	54	3	15	10	8	12	6	...	31	...
GRAND TOTAL	525	7	53	232	90	96	37	5	368	...

Of the five cases reported as Enteric Fever, four reacted to the Widal test. The fifth did not, and developed German Measles. Of those which reacted, one returned to his home from another County with the disease on him: two were associated with the use of polluted waters: in the fourth no definite cause could be found except that the house drainage system was unsatisfactory.

The overcrowding in Annan was reflected in the number of cases of both Scarlet Fever and Diphtheria reported from this area; the percentage of Scarlet Fever notifications from District and Burgh being 63·8, and of Diphtheria 68·4. The three fatalities from Scarlet Fever occurred in the Annan District; and of the nine from Diphtheria, four were in the District and five in the Burgh.

Of the 155 cases of Diphtheria notified, 98 were confirmed bacteriologically; 55 were not confirmed, and two fatal cases were not examined.

The two cases of Cerebro-Spinal Fever occurred in persons recently arrived in the County—one being a soldier detailed for agricultural work (the illness in this instance not being diagnosed until the patient was admitted to a military hospital), and the other a child from Dumbartonshire.

One hundred and seventy-one intimations of cases of Tuberculosis were received. Of these 117 were suffering from Pulmonary Disease, 27 from Glandular, 8 from Osseous, 7 from Joint, 4 from Meningeal, 4 from Abdominal, 1 from Vesical, 1 from Genital, and 2 from Dermal (Lupus). Among these cases there were forty-five deaths, eight of which were transferred out, leaving thirty-seven. In addition, forty-six deaths occurred among persons notified in previous years, five deaths being transferred in, and three occurring among persons who had escaped notification. The total number of deaths from Tuberculosis was therefore 91, of which 65 were due to Pulmonary Disease, 10 to

Meningitis, 7 to Abdominal Disease, and 9 to other forms. Thirty-one cases were sent to the Dumfries and Galloway Royal Infirmary, twenty-two to Lochmaben Hospital, twelve to Bridge-of-Weir Sanatorium, and eleven to Westmorland Sanatorium. One was sent independently to the Cumberland Infirmary before a diagnosis was made. At the end of the year there were 24 shelters in use in various parts of the County. Of the total cases notified, 60 were insured under the National Health Insurance Act, 5 were discharged soldiers, and 8 inmates of an Institution.

Hospitals.—The admissions for Enteric Fever, Scarlet Fever, and Diphtheria were :—

		Enteric Fever.	Scarlet Fever.	Diph- theria.	Other Causes.	Totals.
Thornhill Hospital.	Thornhill District	...	8	8	1	20
	Sanquhar Burgh	1	1	1	...	
Lochmaben Hospital.	Dumfries District	...	3	10	...	79
	Lockerbie District	2	12	1	3	
	Lochmaben Burgh	...	3	1	...	
	Lockerbie Burgh	...	17	1	4	
	Moffat Burgh	...	1	1	...	
	Annan District	2	2	11	2	
	Langholm Burgh	3	...	
Annan Hospital.	Annan District	...	60	57	2	191
	Annan Burgh	...	36	35	...	
	Lockerbie District	...	1	...	...
Eskdale Hospital.	Langholm District	...	6	2	2	23
	Langholm Burgh	...	1	12	...	

The cases included under the head of " Other Causes " were—Measles 6, Chickenpox (from a military hospital) 4, Erysipelas 1, Observation 3. In addition, 23 cases of Pulmonary Phthisis were sent to Lochmaben Hospital.

For further notes on the infectious diseases, and on laboratory and general sanitary work, reference may be

made to the Quarterly Reports. Venereal Diseases and Child Welfare Schemes are not yet agreed upon, but examinations of specimens in the former are being done in the laboratory,* and are proving of considerable assistance to practitioners. In the outdoor work great difficulty is being experienced in the way of dealing suitably with accumulations of house refuse, and it would appear as if several scavenging schemes may be necessary if no other solution of the problem can be found by those responsible.

* 67 specimens of blood were examined by the Wassermann test, 11 of discharge for gonococci and 2 of discharge for spirochaetes.